



Crop Progress and Condition

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In Cooperation with:

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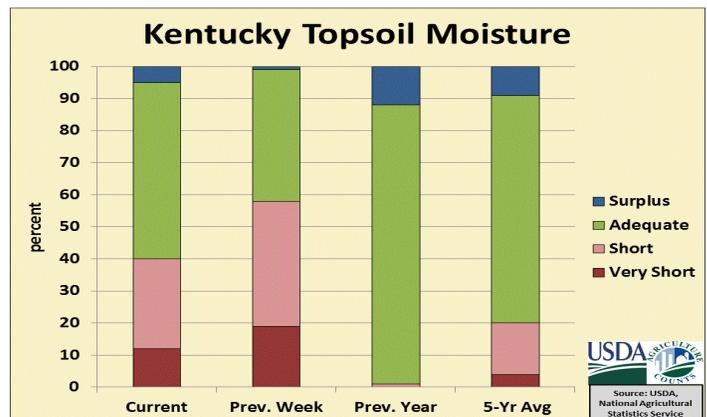
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.89 inches, 1.18 inches above normal. Temperatures averaged 57 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 12 percent very short, 28 percent short, 55 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 14 percent very short, 35 percent short, 49 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible seven.

Primary activities for this week included harvesting corn and soybeans, stripping tobacco and seeding winter wheat. Most of the state received some precipitation this week. The rain was a hindrance to fieldwork, but beneficial to pastureland.

Despite receiving some much needed rain, many producers are tapping into their winter hay supplies. Pastures are mostly fair to poor, however they are improved from the previous week. Housed tobacco is in mostly good condition at this juncture.

SOIL MOISTURE for week ending 10/27/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	12	28	55	5
Subsoil	14	35	49	2



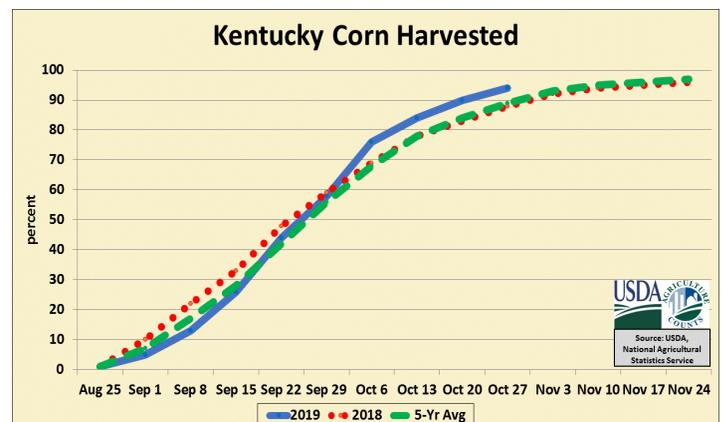
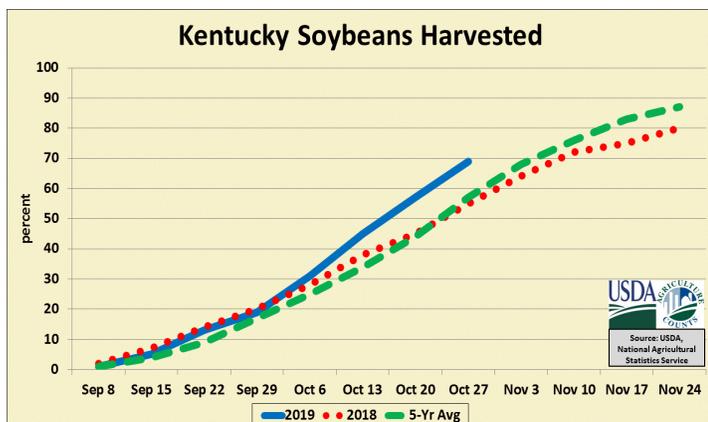
CROP PROGRESS for week ending 10/27/19

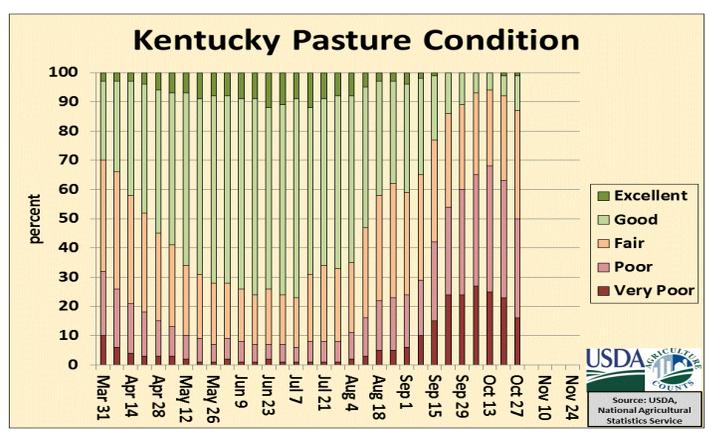
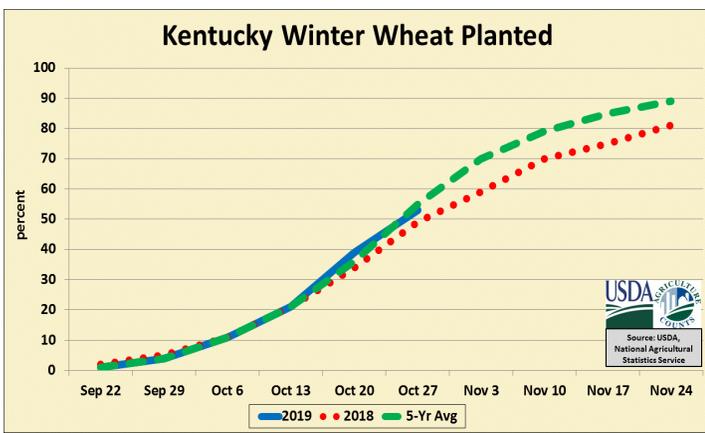
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	94	90	88	89
Soybeans Dropping Leaves	93	89	94	93
Soybeans Harvested	69	57	55	57
Tobacco Stripped	34	26	39	33
Winter Wheat Seeded	53	39	49	55
Winter Wheat Emerged	29	13	22	25

-1 Represents not available.

CROP CONDITIONS for week ending 10/27/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	5	26	61	7
Pasture	16	34	37	12	1
Tobacco Housed	2	7	30	54	7
Wheat	4	7	18	62	9





**Kentucky Climate Summary
For the Period October 21, 2019 to October 27, 2019**

Above Normal Temperatures and Rainfall:

Significant rainfall fell across the state for a third straight week. The highest accumulations were seen over the course of Friday night through Saturday night as the remnants of Tropical Storm Olga pushed northeast through the area. This system sent a high amount of moisture into the region, leading to moderate to heavy rainfall from time to time. High winds accompanied some of the showers across Western Kentucky and led to some severe warnings with gusts over 60 mph. Overall, in addition to rain from another frontal passage earlier in the week, the state averaged 1.89 inches. Saying that, totals were a bit higher across Western Kentucky, which came in at an average of 2.62 inches. Through the 27th, the state has now averaged 4.85 inches for the month, well above average for what is normally the driest month of the year. The US Drought Monitor continues to make improvements across the state with severe drought only covering 7% of Kentucky and moderate drought down to 26%.

Temperatures for the period averaged 57 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 66 in the West to 68 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to near normal in the East. Low temperatures averaged from 48 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 81 degrees at LOUISA 1S and the extreme low was 31 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 1.89 inches statewide which was 1.18 inches above normal and 264% of normal. Precipitation totals by climate division, West 2.62 inches, Central 1.53 inches, Bluegrass 1.48 inches and East 1.94 inches, which was 1.82, 0.81, 0.82 and 1.26 inches above normal. By station, precipitation totals ranged from a low of 0.36 inches at BOWLING GREEN 4E to a high of 5.25 inches at CAPE GIRARDEAU ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/27/19 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	1.16	29.65	5.23	3.27	2.88	74	37	58	3	98	25
Berea	1.94	30.78	6.54	2.91	3.97	79	34	56	2	100	26
Bowling Green	1.37	28.05	2.68	0.02	-0.07	73	37	59	4	93	24
Bristol	1.14	28.56	4.80	4.81	2.44	76	34	58	4	100	24
Buckhorn Lake	1.66	28.16	5.59	1.54	3.01	79	37	58	4	90	26
Cape Girardeau	5.25	39.70	7.02	13.40	4.29	69	38	56	-1	100	20
Campbellsville	2.13	27.14	5.03	-4.27	2.13	75	32	55	0	100	28
Covington	1.10	28.62	2.21	3.79	-0.38	75	40	58	4	93	26
Cumberland Gap	2.02	33.40	4.05	4.70	1.07	64	35	52	-2	100	26
Dix Dam	1.59	27.49	4.86	0.10	2.26	77	39	57	3	87	27
Evansville	3.98	32.44	5.02	7.56	2.42	69	38	57	0	100	29
Glasgow	1.49	29.60	5.20	-0.46	2.45	71	36	56	1	100	27
Grayson	1.84	31.82	6.84	6.13	4.14	81	34	57	3	100	26
Hardinsburg	1.80	33.10	4.94	5.27	2.16	72	34	57	2	100	28
Henderson	3.06	25.14	3.66	-0.60	1.12	69	32	55	-2	100	28
Huntington	1.32	27.92	4.69	2.11	2.02	79	36	57	3	100	27
Jackson	1.82	28.99	4.70	1.28	2.05	77	40	59	5	100	28
Lexington	1.96	27.58	5.60	1.20	3.25	80	41	60	6	87	27
London	2.02	33.60	6.56	7.85	4.04	74	36	57	3	100	27
Louisville	1.34	26.86	3.77	0.98	1.30	76	42	60	5	90	24
Mayfield	2.70	30.05	4.22	1.19	0.94	72	36	56	-1	100	29
Nashville	2.00	28.08	4.85	2.14	2.45	76	40	60	5	100	24
Nolin Lake	1.35	32.95	4.57	3.24	1.67	75	38	60	5	100	23
Paducah	3.93	38.97	5.39	11.14	2.65	73	39	58	1	96	25
Princeton	2.17	28.97	4.76	1.07	1.99	71	36	57	0	100	31
Quicksand	1.87	28.19	5.45	0.48	2.80	80	34	57	3	97	38
Somerset	2.72	31.13	5.06	1.81	2.08	74	35	55	1	100	25
Spindletop	1.94	26.74	5.46	0.36	3.11	79	42	58	4	96	27
Williamstown	0.91	30.53	3.56	4.15	0.85	75	39	56	2	100	31

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.